

In the Claims

Claims

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9.(currently amended) A gas filtering system comprising:

(A) a standard pot for growing plants including:

(i) a growth medium;

(ii) a plant growing in the medium;

(B) a hollow apparatus including:

(i) a hollow bottom member having:

(1) a first aperture; and

(2) a second aperture; and

(ii) a hollow conduit having:

(1) a first end attached to, affixed to or integral with the second aperture of the bottom member; and

(2) a second end extending upward from the bottom member; and

(C) a fan unit including:

(i) a third aperture detachably connected to the second end of the conduit;

(ii) a fourth aperture; and

(iii) a fan,

where the apparatus is adapted to be placed inside the pot so that the first aperture is below a surface of the growth medium in the pot, the fan unit rests on the second end of the hollow conduit and is located external to the pot on a top portion of the pot and the system produces a filtered gas by passing a gas through the medium.

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1 21.(currently amended) The system of claim 9, further comprising:

2 (D) an electronic unit including:

3 (i) a circuit board;

4 (ii) an on/off switch; and

5 (iii) indicator lights.

1 22.(previously added) The system of claim 21, further comprising:

2 (E) a moisture sensor placed subsoil below the bottom of the member.

1 23.(previously added) The system of claim 9, wherein the first aperture is disposed in a
2 bottom surface of the bottom member and the second aperture is disposed in a top or side of the
3 bottom member.

1 24.(previously added) The system of claim 9, wherein the bottom member further includes
2 a plurality of first apertures.

1 25.(previously added) The system of claim 9, wherein the bottom member comprises a torus
2 and the first aperture is disposed in a bottom surface of the torus.

1 **26.(previously added)** The system of claim 25, wherein the first aperture comprises a
2 continuous slit in the bottom surface of the torus.

1 **27.(previously added)** The system of claim 9, wherein the bottom member comprises a torus
2 and a plurality of first apertures disposed in a bottom surface of the torus.

1 **28.(currently amended)** A method for converting a pot into an air filtration apparatus
2 comprising the steps of:

3 placing a apparatus in the standard pot for growing plants, where the apparatus includes a
4 hollow bottom member having a first aperture and a second aperture and a hollow conduit having
5 a first end detachably attached to, affixed to or integral with the second aperture of the bottom
6 member and a second end extending above a top of the pot, where the apertures and conduit are
7 adapted to permit a gas to flow through the apparatus;

8 placing a plant in the pot;

9 adding a growth medium to the pot to cover roots of the plant and at least a portion of the
10 member so that the first aperture is located below a surface of the medium in the pot;

11 detachably connecting a fan unit to the second end of the conduit of the apparatus so that the
12 fan unit is associated with a top portion of the pot; and

13 pulling or pushing the gas into and through the medium, the apparatus and the fan unit to
14 produce a filtered gas.

29.**(previously added)** The method of claim 28, wherein the first aperture is disposed in a
bottom surface of the bottom member, the conduit is disposed on a side or top of the bottom member
and the gas is air.

1 **30.(previously added)** The method of claim 28, wherein the bottom member further includes
2 a plurality of first apertures disposed in a bottom surface of the bottom member.

1 **31.(previously added)** The method of claim 28, wherein the bottom member comprises a
2 torus and the first aperture is disposed in a bottom surface of the torus.

1 **32.(previously added)** The method of claim 31, wherein the first aperture comprises a
2 continuous slit in a bottom surface of the torus.

1 **33.(previously added)** The method of claim 28, wherein the bottom member comprises a
2 torus and a plurality of first apertures disposed in a bottom surface of the torus.

1 **34.(currently amended)** A gas filtering apparatus comprising:

2 a hollow apparatus including:

3 a hollow bottom member having:

4 a first aperture; and

5 a second aperture; and

6 a hollow conduit having:

7 a first end attached to, affixed to or integral with the second aperture of the
8 bottom member; and

9 a second end extending upward from the bottom member; and

10 a fan unit including:

11 a third aperture detachably connected to the second end of the conduit so that the fan
12 unit rests on the second end of the conduit;

13 a fourth aperture; and

14 a fan;

15 where the hollow apparatus is adapted to be placed inside a standard pot for growing so that
16 the first aperture is below a surface of a growth medium in the pot, the fan unit is located external
17 to the pot and located on a portion of a top of the pot and the system produces filtered air by passing
18 a gas through the medium, the hollow apparatus and the fan unit.

1 **35.(previously added)** The apparatus of claim 34, wherein the bottom member further
2 includes a plurality of first apertures.

1 **36.(previously added)** The apparatus of claim 34, wherein the bottom member comprises a
2 torus and the first aperture is disposed in a bottom surface of the torus.

1 **37.(previously added)** The apparatus of claim 36, wherein the first aperture comprises a
2 continuous slit in the bottom surface of the torus.

1 **38.(previously added)** The apparatus of claim 34, wherein the bottom member comprises a
2 torus and a plurality of first apertures disposed in a bottom surface of the torus.

1 **39.(currently amended)** An apparatus for converting a pot into an air filtration apparatus
2 comprising:

3 a hollow bottom member including:

4 a first aperture; and

5 a second aperture;

6 a hollow conduit attached to, affixed to or integral with the second aperture and extending
7 upward from the bottom member,

8 where the apparatus is designed to be placed inside a standard pot for growing plants so that
9 the first aperture of the bottom member is below a surface of a plant growing medium filling a
10 portion of the pot and one end of the hollow conduit extends above a surface of the medium filling
11 a portion of the pot and where the apparatus is designed to support a gas flow through the medium
12 and the apparatus.

1 **40.(previously added)** The apparatus of claim 39, wherein the bottom member includes a
2 plurality of first apertures disposed in a bottom surface of the bottom member.

1 **41.(previously added)** The apparatus of claim 39, wherein the bottom member comprises a
2 torus and the first aperture is disposed in a bottom surface of the torus.

1 **42.(previously added)** The apparatus of claim 41, wherein the first aperture comprises a
2 continuous slit.

1 **43.(previously added)** The apparatus of claim 39, wherein the bottom member comprises a
2 torus and a plurality of first apertures disposed in a bottom surface of the torus.